



IFW16

RAW SEQUENCE LISTING

DATE: 07/20/2006

PATENT APPLICATION: US/10/734,049C

TIME: 10:21:04

Input Set : A:\Q78382.APP

Output Set: N:\CRF4\07202006\J734049C.raw

3 <110> APPLICANT: ITOH, KYOGO
 4 SHICHIJO, SHIGEKI
 6 <120> TITLE OF INVENTION: TUMOR ANTIGEN
 8 <130> FILE REFERENCE: Q78382
 10 <140> CURRENT APPLICATION NUMBER: 10/734,049C
 11 <141> CURRENT FILING DATE: 2003-12-12
 13 <150> PRIOR APPLICATION NUMBER: PCT/JP02/05799
 14 <151> PRIOR FILING DATE: 2002-06-11
 16 <150> PRIOR APPLICATION NUMBER: JP 2001-177058
 17 <151> PRIOR FILING DATE: 2001-06-12
 19 <150> PRIOR APPLICATION NUMBER: JP 2001-250728
 20 <151> PRIOR FILING DATE: 2001-08-21
 22 <160> NUMBER OF SEQ ID NOS: 436
 24 <170> SOFTWARE: PatentIn Ver. 3.3
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 28 <212> TYPE: PRT
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 33 peptide recognized by HLA-A2 restricted cytotoxic
 34 T lymphocytes
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 37 Lys Leu Thr Gly Met Ala Phe Arg Val
 38 1 5
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 49 T lymphocytes
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 63 peptide recognized by HLA-A2 restricted cytotoxic

(Pg. 6)

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67 Ile Leu Gly Tyr Thr Glu His Gln Val
68   1                               5
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79     T lymphocytes
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82 Gly Ile Val Glu Gly Leu Met Thr Thr Val
83   1                               5               10
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87 <211> LENGTH: 10
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89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
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93     peptide recognized by HLA-A2 restricted cytotoxic
94     T lymphocytes
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97 Thr Leu Leu Ala Gly Met Asn Lys Phe Leu
98   1                               5               10
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103 <212> TYPE: PRT
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109     T lymphocytes
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112 Thr Leu Ser Gly Gly Glu Leu Gln Arg Val
113   1                               5               10
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118 <212> TYPE: PRT
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124     T lymphocytes
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154     T lymphocytes
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172 Lys Glu Gly Glu Tyr Ile Lys Leu Lys Val
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184     T lymphocytes
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199      T lymphocytes
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207 <211> LENGTH: 9
208 <212> TYPE: PRT
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212 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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214      T lymphocytes
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218   1           5
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229      T lymphocytes
231 <400> SEQUENCE: 14
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233   1           5           10
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244      T lymphocytes
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259      T lymphocytes
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262 Lys Ser Ala Leu Thr Val Gln Phe Val
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Input Set : A:\Q78382.APP

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274     T lymphocytes
276 <400> SEQUENCE: 17
277 Ile Met Asn Gln Glu Lys Leu Ala Lys Leu
278     1             5             10
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283 <212> TYPE: PRT
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288     peptide recognized by HLA-A2 restricted cytotoxic
289     T lymphocytes
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293     1             5             10
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304     T lymphocytes
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307 Asn Met Phe Thr Asn Gln Gly Thr Val
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319     T lymphocytes
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323     1             5             10
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328 <212> TYPE: PRT
329 <213> ORGANISM: Artificial Sequence
331 <220> FEATURE:

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/734,049C

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:284; Xaa Pos. 80

Seq#:343; N Pos. 2578

Seq#:352; N Pos. 1332

VERIFICATION SUMMARY

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L:6785 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:64
L:8898 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:343 after pos.:2520
L:9177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:352 after pos.:1320